



STATISTICS DEPARTMENT

VOL. 68 For Week Ended November 6, 1987 NO. 45

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/06/87	Last Week Ending: 10/30/87	Last Year Week Ending: 11/07/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,715	12,844	12,780	-129	-65
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	81.0	81.8	82.0		
Motor Gasoline					
Total motor gasoline production	6,511	6,434	6,758	77	-247
Finished leaded motor gasoline production	1,432	1,442	1,836	-10	-404
Finished unleaded motor gasoline production	5,079	4,992	4,922	87	157
Total motor gasoline stocks	218,752	219,751	223,574	-999	-4,822
Finished leaded motor gasoline stocks	51,930	51,658	64,014	272	-12,084
Finished unleaded motor gasoline stocks	129,786	130,630	123,079	-844	6,707
Jet Fuel Kerosine					
Jet fuel kerosine production	1,183	1,217	1,095	-34	88
Jet fuel kerosine stocks	43,706	42,512	42,796	1,194	910
Distillate Fuel Oil					
Distillate fuel oil production	2,844	2,818	2,811	26	33
Distillate fuel oil stocks	122,104	124,921	152,702	-2,817	-30,598
Residual Fuel Oil					
Residual fuel oil production	869	836	827	33	42
Residual fuel oil stocks	46,193	46,923	46,061	-730	132
Imports					
Crude oil imports	5,950	5,482	4,653	468	1,297
Product imports	2,069	2,110	1,796	-41	273
Crude Oil Stocks					
Crude oil stocks	354,115	349,925	338,560	4,190	15,555



STATISTICS DEPARTMENT

VOL. 68 For Week Ended November 6, 1987

NO. 45

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,334	1,115	1,115	1,400	79.6
Appal. No. 1	104	97	97	105	92.4
DISTRICT 1 TOTAL	1,438	1,212	1,212	1,505	80.5
Appal. No. 2	58	58	58	66	87.9
Ind., Ill., Ky.	2,008	1,928	1,951	2,154	90.6
Minn., Wis., Daks.	299	289	289	317	91.2
Okla., Kans., Mo.	574	500	500	720	69.4
DISTRICT 2 TOTAL	2,939	2,775	2,798	3,257	85.9
Inland Texas	593	478	480	569	84.4
Texas Gulf Coast	3,301	2,934	2,953	3,569	82.7
La. Gulf Coast	2,480	2,299	2,337	2,648	88.3
N. La. and Ark.	178	160	172	257	66.9
New Mexico	70	63	63	81	77.8
DISTRICT 3 TOTAL	6,622	5,934	6,005	7,124	84.3
DISTRICT 4 TOTAL	448	415	418	552	75.7
DISTRICT 5 TOTAL	2,529*	2,282*	2,282*	3,259	70.0*
TOTAL U.S.	13,976	12,618	12,715	15,697	81.0
TOTAL U.S.					
Weeks Ended:					
OCT. 30, 1987	13,760*	12,800*	12,844*	15,697	81.8*
NOV. 7, 1986	14,191	12,640	12,780	15,594	82.0
DISTRICTS 1-4					
Weeks Ended:					
NOV. 06, 1987	11,447	10,336	10,433	12,438	83.9
OCT. 30, 1987	11,369	10,540	10,584	12,438	85.1
NOV. 7, 1986	11,623	10,186	10,296	12,526	82.2

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 6, 1987
U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	617	53	564	22	77	332	89
Appal. No. 1	42	8	34	--	--	32	3
DISTRICT 1 TOTAL	659	61	598	22	77	364	92
Appal. No. 2	37	8	29	--	--	13	2
Ind., Ill., Ky.	1,089	279	810	12	146	412	43
Minn., Wis., Daks.	159	32	127	--	12	79	7
Okla., Kans., Mo.	338	127	211	4	39	145	3
DISTRICT 2 TOTAL	1,623	446	1,177	16	197	649	55
Inland Texas	283	96	187	27	42	121	13
Texas Gulf Coast	1,522	262	1,260	32	252	671	191
La. Gulf Coast	1,120	203	917	52	276	548	97
N. La. and Ark.	50	8	42	8	6	39	10
New Mexico	36	15	21	11	1	16	--
DISTRICT 3 TOTAL	3,011	584	2,427	130	577	1,395	311
DISTRICT 4 TOTAL	252	107	145	14	34	107	7
DISTRICT 5 TOTAL	966*	234	732*	70	298	329	404
TOTAL U.S.	6,511	1,432	5,079	252	1,183	2,844	869
TOTAL U.S.							
Weeks Ended:							
OCT. 30, 1987	6,434*	1,442	4,992*	206	1,217	2,818	836
NOV. 7, 1986	6,758	1,836	4,922	178	1,095	2,811	827
DISTRICTS 1-4							
Weeks Ended:							
NOV. 06, 1987	5,545	1,198	4,347	182	885	2,515	465
OCT. 30, 1987	5,460	1,203	4,257	158	905	2,462	482
NOV. 7, 1986	5,620	1,519	4,101	142	823	2,397	430

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

²Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended November 6, 1987

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,116	821	3,294	1	108	463	8,491	1,199	--
Central Atlantic	26,809	4,688	17,846	4,275	360	5,697	29,106	17,626*	12,695
Lower Atlantic	29,968*	5,999	23,604*	365	662	4,737	14,474*	2,742	492
DISTRICT 1 TOTAL	60,893*	11,508	44,744*	4,641	1,130	10,897	52,071*	21,567*	13,187
DISTRICT 2 TOTAL	56,567	16,804	32,417	7,346	807	9,387	28,467*	2,546	17,115
DISTRICT 3 TOTAL	67,094	14,421	36,065	16,608	3,217	15,769	28,742	13,215	47,318
DISTRICT 4 TOTAL	5,834	2,229	2,237	1,368	424	720	2,275	408	2,359
DISTRICT 5 TOTAL	28,364	6,968	14,323	7,073	1,568	6,933	10,549	8,457	24,557*
TOTAL U.S.	218,752	51,930	129,786	37,036	7,146	43,706	122,104	46,193	104,536
TOTAL U.S.									
Weeks Ended:									
OCT. 30, 1987	219,751*	51,658	130,630*	37,463	6,485	42,512	124,921*	46,923*	102,918*
NOV. 7, 1986	223,574	64,014	123,079	36,481	6,778	42,796	152,702	46,061	104,515
DISTRICTS 1-4									
Weeks Ended:									
NOV. 06, 1987	190,388	44,962	115,463	29,963	5,578	36,773	111,555	37,736	79,979
OCT. 30, 1987	190,863*	44,463	116,188*	30,212	5,046	35,693	113,767*	37,865*	78,119
NOV. 7, 1986	193,987	56,088	109,244	28,655	4,884	36,734	141,066	37,508	81,615

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended November 6, 1987

**ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL**

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy	Total	From Canada	
		June 1987			
----- Daily Average -----					
DISTRICTS 1-4 TOTAL					
NOV. 06, 1987	5,076.0	5,208.0	5,757	658	273,896
OCT. 30, 1987	5,076.0	--	5,282*	676	270,877*
OCT. 23, 1987	5,076.0	--	4,653	607	264,226
OCT. 16, 1987	5,076.0	--	4,337	679	257,661
DISTRICT 5 TOTAL					
NOV. 06, 1987	3,157.4	3,025.0	193	10	80,219 ‡
OCT. 30, 1987	3,157.4	--	200	38	79,048*
OCT. 23, 1987	3,157.4	--	128	15	73,654
OCT. 16, 1987	3,157.4	--	220	--	75,945
‡ INCLUDES 23,491 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *					
TOTAL U.S.					
NOV. 06, 1987	8,233.4	8,233.0	5,950	668	354,115 ‡
OCT. 30, 1987	8,233.4	--	5,482*	714	349,925*
OCT. 23, 1987	8,233.4	--	4,781	622	337,880
OCT. 16, 1987	8,233.4	--	4,557	679	333,606
NOV. 7, 1986	8,419.0 a/	--	4,653	510	338,560

a/ DOE actual for October 1986.

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 06, 1987	17,074	71,225	172,980	12,617	273,896	80,219 ‡	354,115 ‡
OCT. 30, 1987	16,013	71,114	171,340*	12,410	270,877*	79,048*	349,925*
NOV. 7, 1986	14,461	75,029	167,475	11,430	268,395	70,165	338,560

¹See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 6, 1987

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	Unfinished			Total
		Finished Leaded	Finished Unleaded		Naphtha Type	Kerosine Type			L.P.G.	Oil	Other	
New England	169	--	169	--	--	4	46x	50x	2	--	--	271x
Central Atlantic	158	--	158	76	--	6	109	292x	43	94	72	850x
Lower Atlantic	49	23	26	--	--	25	37	113	--	--	--	224
DISTRICT 1 TOTAL												
NOV. 06, 1987	376	23	353	76	--	35	192	455	45	94	72	1,345
OCT. 30, 1987	243	18	225	45	--	16	146x	493x	37	31	247	1,258x
OCT. 23, 1987	376	27	349	85	--	2	272	485	34	17	74	1,345
OCT. 16, 1987	87	5	82	11	--	3	159	363	40	27	66	756
DISTRICTS 2-4 TOTAL												
NOV. 06, 1987	40	1	39	5	3	2	49	23	181	175	185	663
OCT. 30, 1987	20	1	19	18	3	1	44	21	196	152	267	722
OCT. 23, 1987	32	1	31	41	3	1	47	16	254	172	128	694
OCT. 16, 1987	7	--	7	9	3	--	46	17	205	135	123	545
DISTRICT 5 TOTAL												
NOV. 06, 1987	8	2	6	23	--	--	2	10	10	8	--	61
OCT. 30, 1987	17	1	16	25	--	--	1	10	24	4	49	130
OCT. 23, 1987	11	4	7	29	--	--	2	8	13	12	--	75
OCT. 16, 1987	10	3	7	6	--	--	4	5	9	--	--	34
TOTAL U.S.	424	26	398	104	3	37	243	488	236	277	257	2,069
TOTAL U.S.												
Weeks Ended:												
OCT. 30, 1987	280	20	260	88	3	17	191x	524x	257	187	563	2,110x
OCT. 23, 1987	419	32	387	155	3	3	321	509	301	201	202	2,114
OCT. 16, 1987	104	8	96	26	3	3	209	385	254	162	189	1,335
NOV. 7, 1986	356	70	286	80	9	55	128	433	284	372	79	1,796

¹Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

²Gasoline blending component imports are not included in total motor gasoline imports.

³Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included. Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 06, 1987

REVISIONS

10/30/87	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,391
			TOTAL U.S.	13,760
		CRUDE OIL RUNS	DISTRICT 5 TOTAL	2,260
			TOTAL U.S.	12,800
		INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,260
			TOTAL U.S.	12,844
		% OPERABLE	DISTRICT 5 TOTAL	69.3
			TOTAL U.S.	81.8
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	974
			TOTAL U.S.	6,434
		UNLEADED MGAS	DISTRICT 5 TOTAL	735
			TOTAL U.S.	4,992
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	31,830
			DISTRICT 1 TOTAL	61,912
			TOTAL U.S.	219,751
			DISTRICTS 1-4	190,863
		UNLEADED MGAS	LOWER ATLANTIC	24,708
			DISTRICT 1 TOTAL	44,815
			TOTAL U.S.	130,630
			DISTRICTS 1-4	116,188
		DISTILLATE FUEL	LOWER ATLANTIC	16,193
			DISTRICT 1 TOTAL	54,547
			DISTRICT 2 TOTAL	28,566
			TOTAL U.S.	124,921
		RESIDUAL FUEL	DISTRICTS 1-4	113,767
			CENTRAL ATLANTIC	17,516
			DISTRICT 1 TOTAL	21,882
			TOTAL U.S.	46,923
			DISTRICTS 1-4	37,865
		UNFINISHED OILS	DISTRICT 5 TOTAL	24,799
			TOTAL U.S.	102,918
			DISTRICTS 1-4 TOTAL	5,282
		TOTAL CRUDE OIL IMPORTS	TOTAL U.S.	5,482
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	270,877
			DISTRICT 5 TOTAL	79,048
			TOTAL U.S.	349,925
		ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	23,990
	PAGE 4 B	TOTAL	PAD DISTRICT 3	171,340
			TOTAL PAD DISTRICTS 1-4	270,877
			PAD DISTRICT 5	79,048
			TOTAL U.S.	349,925

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 06, 1987

REVISIONS

PAGE 5	DISTILLATE (INC. NO. 4)	NEW ENGLAND	137
		DISTRICT 1 TOTAL	146
		TOTAL U.S.	191
	RESIDUAL FUEL	NEW ENGLAND	27
		CENTRAL ATLANTIC	324
		DISTRICT 1 TOTAL	493
		TOTAL U.S.	524
	TOTAL	NEW ENGLAND	233
		CENTRAL ATLANTIC	863
		DISTRICT 1 TOTAL	1,258
		TOTAL U.S.	2,110